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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/092,994
				Filing Date	Mar 07, 2002
				First Named Inventor	Douceur
				Group Art Unit	2177
				Examiner Name	BREENE, JOHN E
Sheet	1	of	1	Attorney Docket Number	MS1-1017US

## **U.S. PATENT DOCUMENTS**

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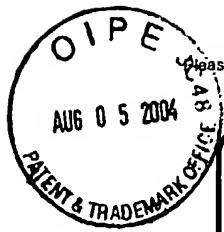
## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	Carrasco	Date Considered	9/21/2004
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U.S. PATENT DOCUMENTS

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**NON PATENT LITERATURE DOCUMENTS**

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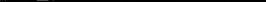
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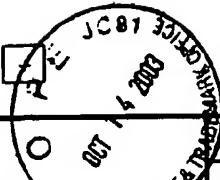
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2 of 4

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First Named Inventor	Douceur
Group Art Unit	2177
Examiner Name	BREENE, JOHN E.
Attorney Docket Number	MS1-1017US

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NON PATENT LITERATURE DOCUMENTS		
Examiner Initials'	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Cy		E. Adar and B. Huberman, "Free Riding on Gnutella," Xerox PARC Technical Report, pages 1-22, August 2000.
Cy		R. Anderson, "The Eternity Service," PRAGO-CRYPT, pages 242-252, October 1996.
Cy		T. Anderson, M. Dahlin, J. Neefe, D. Patterson, D. Roselli, and R. Wang, "Serverless Network File Systems," 15th Symposium on Operating Systems Principles, pages 109-126, December 1995.
Cy		W. Bolosky, J. Douceur, D. Ely, M. Theimer, "Feasibility of a Serverless Distributed File System Deployed on an Existing Set of Desktop PCs", Proceedings of the International Conference on Measurement and Modeling of Computer Systems, pages 34-43, June 17-21, 2000.
Cy		W. Bolosky, S. Corbin, D. Goebel, and J. Douceur, "Single Instance Storage in Windows® 2000," Proceedings of the 4th USENIX Windows Systems Symposium, pages 13-24, August 2000.
Cy		G. Cabri, A. Corradi, F. Zambonelli, "Experience of Adaptive Replication in Distributed File Systems", 22nd IEEE EUROMICRO, 10 pages, September 1996.
Cy		M. Castro and B. Liskov, "Practical Byzantine Fault Tolerance," Proceedings of the Third Symposium on Operating Systems Design and Implementation, 14 pages, February 1999.
Cy		M. Castro and B. Liskov, "Proactive Recovery in a Byzantine-Fault-Tolerant System," 4th Symposium on Operating Systems Design and Implementation, pages 273-287, October 2000.
Cy		I. Clarke, O. Sandberg, B. Wiley, and T. Hong, "Freenet: A Distributed Anonymous Information Storage and Retrieval System," ICSI Workshop on Design Issues in Anonymity and Unobservability, 21 pages, July 2000.
Cy		J. Douceur and W. Bolosky, "A Large-Scale Study of File-System Contents," SIGMETRICS, pages 59-70, May 1999.
Cy		L. Fan, P. Cao, J. Almeida, and A. Broder, "Summary Cache: A Scalable Wide-Area Web Cache Sharing Protocol", ACM SIGCOMM, pages 254-265, 1998.

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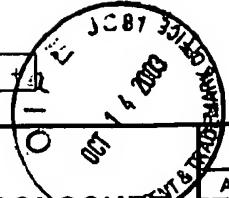
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Examiner Name	BREENE, JOHN E	
Attorney Docket Number	MS1-1017US	

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Oy		A. Goldberg and P. Yianilos, "Towards an Archival Intermemory," IEEE International Forum on Research and Technology Advances in Digital Libraries, pages 147-156, April 1998.	
Oy		J. Howard, M. Kazar, S. Menees, D. Nichols, M. Satyanarayanan, R. Sidebotham, and M. West, "Scale and Performance in a Distributed File System," ACM Transactions on Computer Systems, pages 51-81, Feb. 1988.	
Oy		J. Kistler and M. Satyanarayanan, "Disconnected Operation in the Coda File System," ACM Transactions on Computer Systems, Vol. 10, No. 1, pages 3-25, February 1992.	
Oy		J. Kubiatowicz et al., "OceanStore: An Architecture for Global-Scale Persistent Storage," Proceedings of the Ninth International Conference on Architectural Support for Programming Languages and Operating Systems, 12 pages, Nov. 2000.	
Oy		E. Lee and C. Thekkath, "Petal: Distributed Virtual Disks," Seventh International Conference on Architectural Support for Programming Languages and Operating Systems", pages 84-92, October 1996.	
Oy		D. Mazières, M. Kaminsky, M. F. Kaashoek, and E. Witchel, "Separating Key Management from File System Security", 17th ACM Symposium on Operating Systems Principles, pages 124-139, December 1999.	
Oy		D.L. McCue, M.C. Little, "Computing Replica Placement in Distributed Systems", IEEE Second Workshop on Replicated Data, pages 58-61, November 1992.	
Oy		M. K. McKusick, W. N. Joy, S. J. Leffler, and R. S. Fabry, "A Fast File System for Unix," ACM Transactions on Computer Systems, Vol. 2, No. 3, pages 181-197, August 1984.	
Oy		The OceanStore Project web pages, <a href="http://oceanstore.cs.berkeley.edu/info/overview.html">http://oceanstore.cs.berkeley.edu/info/overview.html</a> , 2 pages, last modified July 8, 2002.	
Oy		C. Plaxton, R. Rajaraman, and A Richa, "Accessing Nearby Copies of Replicated Objects in a Distributed Environment", Proceedings of the 9th Annual ACM Symposium on Parallel Algorithms and Architectures, pages 311-320, 1997.	
Oy		C. Plaxton, R. Rajaraman, and A Richa, "Accessing Nearby Copies of Replicated Objects in a Distributed Environment", Theory of Computing Systems, pages 32:241-280, 1999.	

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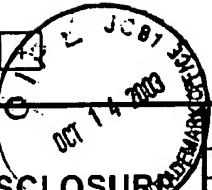
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CJ		R. T. Reich and D. Albee, "S.M.A.R.T. Phase-II," Number WP-9803-001, Maxtor Corporation, 3 pages, February 1998.
CJ		J. D. Saltzer and M. D. Schroeder, "The Protection of Information in Computer Systems," Proceedings of the IEEE 63(9), pages 1278-1308, September 1975.
CJ		R. Sandberg, D. Goldberg, S. Kleiman, D. Walsh, and B. Lyon, "Design and Implementation of the Sun Network Filesystem," Summer USENIX Conference, pages 119-130, June 1985.
CJ		A. Sweeny, D. Doucette, W. Hu, C. Anderson, M. Nishimoto, and G. Peck, "Scalability in the XFS File System," USENIX Annual Technical Conference, 15 pages, 1996.
CJ		C. Thekkath, T. Mann, and E. Lee, "Frangipani: A Scalable Distributed File System," 16th ACM Symposium on Operating Systems Principles, pages 224-237, 1997.
CJ		W. Vogels, "File system usage in Windows NT 4.0," 17th ACM Symposium on Operating Systems Principles, pages 93-109, December 1999.
CJ		J. Wylie, M. Bigrigg, J. Strunk, G. Ganger, H. Kiliçôte, and P. Khosla, "Survivable Information Storage Systems," IEEE Computer, pages 33(8):61-68, August 2000.

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